

07-24-01

A

Attorney Docket No.: YOR920000808US1

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**PATENT APPLICATION**

**APPLICANT(S):** Dongsuk Yuk  
David M. Lubensky

"Express Mail" Label No. ET473038087US

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

**ASSIGNEE  
NAME:** International Business  
Machines Corporation

Date of Deposit: **July 23, 2001**Signature: Donise A. Glaser

**ASSIGNEE  
RESIDENCE:** Armonk, New York

**TITLE:** Unsupervised Incremental Adaptation Using  
Maximum Likelihood Spectral Transformation

**ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231**

**SIR:**

Enclosed are the following papers relating to the above-named application for patent:

Application - 16 pages of Specification, 5 pages of Claims and 1 page of Abstract  
4 Sheets of informal drawing(s)  
Two (2) Declaration and Power of Attorney documents  
Two (2) Assignments with Recordation Form Cover Sheet

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	23-20 =	3	x \$18 =	\$54
Independent Claims	3-3 =	0	x \$80 =	\$0
Multiple Dependent Claim(s), if applicable			\$270 =	\$0
Basic Fee				\$710
TOTAL FEE:				\$764

Please file the application and charge **International Business Machines Corporation Deposit Account No. 50-0510** the amount of \$764, to cover the filing fee. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **International Business Machines Corporation Deposit Account No. 50-0510** as required to correct the error. Duplicate copies of this letter are enclosed.

Please address all correspondence to: **Ryan, Mason & Lewis, LLP, 90 Forest Avenue, Locust Valley, New York 11560**. Telephone calls should be made to the under-signed attorney at (516) 759-7662.

Respectfully submitted,



Date: July 23, 2001

Wayne L. Ellenbogen  
Reg. No. 43,602  
Attorney for Applicant(s)  
Ryan, Mason & Lewis, LLP  
90 Forest Avenue  
Locust Valley, NY 11560  
(516) 759-7662